

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/646,472
Filing Date	August 21, 2003
First Named Inventor	Jamie Wakeam et al.
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.00618

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CXD		H. Kitakami et al., "A Constraint Solver for Reconciling Heterogeneous Trees," IC-AI '00 International Conference, 2000, pp. 1419-1425	
CXD		M. van Veller et al., "Methods in Vicariance Biogeography: Assessment of the Implementations of Assumptions 0, 1, and 2," Cladistics 16, 2000, pp. 319-345	
CXD		V. V'yugin et al., "Tree Reconciliation: Reconstruction of Species Phylogeny by Phylogenetic Gene Trees," Molecular Biology, Vol. 36, No. 5, 2002, pp.650-658	
CXD		H. Prodinger, "A q-Analog of the Path Length of Binary Search Trees," 10/14/1999, pp. 1-9	
CXD		R. Page, "Extracting Species Trees From Complex Gene Trees: Reconciled Trees And Vertebrate Phylogeny," Molecular Phylogenetics and Evolution, Vol. 14, No. 1, 2000, pp. 89-106	
CXD		M. van Veller et al., "A posteriori and a priori methodologies for testing hypotheses of causal processes in vicariance biogeography," Willi Hennig Society, 2001, pp. 26	
CXD		A. Martin, "Choosing among Alternative Trees of Multigene Families," Molecular Phylogenetics and Evolution, Vol. 16, No. 3, 2000, pp. 430-439	
CXD		M.T. Hallett et al., "Efficient Algorithms for Lateral Gene Transfer Problems," RECOMB, 2001, pp. 149-156	
CXD		R. Neininger, "On binary search tree recursions with monomials as toll functions," Journal of Computational and Applied Mathematics, 2002, pp. 185-196	
CXD		M. Hofri et al., "Efficient Reorganization of Binary Search Trees," Proceedings of the 2 nd Italian Conference on Algorithms and Complexity, 1994, pp. 1-25	
CXD		M. Hallett et al., "New Algorithms for the Duplication-Loss Model," RECOMB, 2000, pp. 138-146	
CXD		B. Ma et al., "From Gene Trees to Species Trees," Second Annual International Conference on Computational Molecular Biology, 1998, pp. 1-29	
CXD		Miklós Csűrös, "Fast recovery of evolutionary trees with thousands of nodes," Department of Computer Science, Yale University, 2002, 36 pages	
CXD		Hajime Kitakami et al., "Constraint Satisfaction for Reconciling Heterogeneous Tree Databases," DEXA 2000, LNCS 1873, pp. 624-633	

Examiner
Signature*Chelinda Day*Date
Considered

02/09/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Best Available Copy

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/646,472
Filing Date	August 21, 2003
First Named Inventor	Jamie Wakeam et al.
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.00618

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
C2D		6,603,881 B2	08-05-2003	Perrone et al.	
C2D		6,442,555 B1	08-27-2002	Shmueli et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
C2D		Ramachandran et al., "An Architecture for Ink Annotations on Web Documents," August 2003, vol. 1, pages 256-260	

Examiner
Signature

Chelcie L. Day

Date
Considered

02/09/2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/848,472
Filing Date	August 21, 2003
First Named Inventor	Jamie Wakeam et al.
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.00818

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>CD</i>		2002/0085002 A1	07-04-2002	Lamping et al.	
<i>CD</i>		2002/0191452 A1	12-19-2002	Fujiwara	
<i>CD</i>		6,377,259 B2	04-23-2002	Tenev et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. *	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ² - Number ¹ - Kind Code ² (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner
Signature*Chelcie L. Dage*Date
Considered

02/09/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Best Available Copy

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet of **Complete if Known**

Application Number	10/646,472
Filing Date	August 21, 2003
First Named Inventor	Jamie Wakeam et al.
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.00618

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>CJB</i>		5,559,897	09-24-1998	Brown et al.	
<i>CJB</i>		5,911,013	08-08-1999	Tanishi	
<i>CJB</i>		5,394,484	02-28-1995	Casey et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² - Number ² - Kind Code ³ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	<i>Chelcie L. Day</i>	Date Considered	<i>02/09/2006</i>
-----------------------	-----------------------	--------------------	-------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/646,472
Filing Date	August 21, 2003
First Named Inventor	Jamie Wakeam et al.
Group Art Unit	2661
Examiner Name	TBA
Attorney Docket Number	003797.00618

Sheet of

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
C9D		5,546,538 A1	08-13-1996	Cobbley et al.	
C9D		5,455,901 A1	10-03-1995	Friend et al.	
C9D		6,292,857 B1	09-18-2001	Sidoroff et al.	
C9D		2001/0012401 A1	08-09-2001	Nagy	
C9D		2003/0028851 A1	02-06-2003	Leung et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner
Signature

Chelcie L. Dantz

Date
Considered

02/06/2006

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number (optional). ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.